IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):   Judith E. Schwabe et al.

Assignee: Sun Microsystems, Inc.

Title: OPTIMIZATION OF N-BASE TYPED ARITHMETIC
INSTRUCTIONS VIA REWORK

Serial No.:   10/712,463   Filed: November 12, 2003

Examiner: Tuan A. Vu   Group Art Unit: 2193

Docket No.:   P-4181CIP

Monterey, CA
January 9, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER §1.97(c) WITH FEE

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant(s) wish to call the following documents (a copy of each non-US Patent document is enclosed) to the attention of the Examiner.

U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME
1)	5,301,341	04/05/94	Vassiliadis et al.
2)	5,418,959	05/23/95	Smith et al.
3)	5,809,306	09/15/98	Suzuki et al.
4)	5,878,266	03/02/99	Goddard et al.
5)	5,946,483	08/31/99	Boutaud et al.

OTHER DOCUMENTS

1)	Glossner et al., "Delft-Java Dynamic Translation", Euromicro Conference, 1999. Proceedings, IEEE Computer Society, Los Alamitos, CA, September 8, 1999, pages 57-62. (XP010352195).

- 1 -

2)	Wallach et al., "ASHs: Application-Specific Handlers for High-Performance Messaging", IEEE/ACM Transactions on Networking, Vol.5, No.4, IEEE/ACM, New York, NY, August 1997, pages 460-474. (XP011039087).
3)	McDermott et al., "Smart Card: Java - Java and Smart Cards", August 27, 1999, pages 1-2 [online]. Retrieved on November 20, 2006 from the Internet: <URL:http://web.archive.org/web/19990827234400 /http://web.mit. edu/ecom/Spring1997/gr12/6JAVA.HTM>. (XP002408203).

A PTO form 1449 listing these documents is enclosed.

Citation of the above documents shall not be construed as:

1.	an admission that the documents are necessarily prior art with respect to the instant invention;

2.	a representation that a search has been made, other than as described above; or

3.	an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

Enclosed herewith is a check in the amount of $180.00 payable to the Director of the United States Patent and Trademark Office, which is the amount for submission of an Information Disclosure Statement given in 37 C.F.R. § 1.17(p).

The Commissioner is hereby authorized to charge any additional fees, which may be required to consider this paper, or credit any overpayment to Deposit Account No. 50-0553.

Respectfully submitted,

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Form PTO-1449				Atty Docket No.			Serial No.	
				P-4181CIP			10/712,463	
INFORMATION DISCLOSURE CITATION **IN AN APPLICATION** *(use several sheets if necessary)*				Applicant(s)				
				Judith E. Schwabe et al.				
				Filing Date			Group	
				November 12, 2003			2193	

(Stamp: OIPE JAN 16 2007 PATENT & TRADEMARK OFFICE)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,301,341	04/05/94	Vassiliadis et al.	395	800	
	AB	5,418,959	05/23/95	Smith et al.	395	700	
	AC	5,809,306	09/15/98	Suzuki et al.	395	705	
	AD	5,878,266	03/02/99	Goddard et al.	395	800.23	
	AE	5,946,483	08/31/99	Boutaud et al.	395	564	
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

							Translation	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR	Glossner et al., "Delft-Java Dynamic Translation", Euromicro Conference, 1999. Proceedings, IEEE Computer Society, Los Alamitos, CA, September 8, 1999, pages 57-62. (XP010352195).
	AS	Wallach et al., "ASHs: Application-Specific Handlers for High-Performance Messaging", IEEE/ACM Transactions on Networking, Vol.5, No.4, IEEE/ACM, New York, NY, August 1997, pages 460-474. (XP011039087).
	AT	McDermott et al., "Smart Card: Java – Java and Smart Cards", August 27, 1999, pages 1-2 [online]. Retrieved on November 20, 2006 from the Internet: <URL:http://web.archive.org/web/19990827234400/http://web.mit. edu/ecom/Spring1997/gr12/6JAVA.HTM>. (XP002408203).

Examiner	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).